C/622

# Attachment H

# COVER SHEET (PAGE 1 of 2)

# May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

Pro	posal Title: LOWER AMERICAN RIVER WE	TLAN	D SLOUGH COMPLEX AND FLOODPLAIN RESTORATION
App	olicant Name: DUCKS UNLIMITED, INC		
Mai	ling Address: WESTERN REGIONAL OFFIC	E; 3	074 GOLD CANAL DRIVE, RANCHO CORDOVA, CA 95670
Tel	ephone: <u>(916) 852-2000</u>		
Fax	:(916)_852=2200		
	ount of funding requested: \$1,975,000		•
	icate the Topic for which you are applying page of the Proposal Solicitation Packa		ck only one box). Note that this is an important decision: or more information.
õ	Fish Passage Assessment		Fish Passage Improvements
<b>F</b>	Floodplain and Habitat Restoration		Gravel Restoration
	Fish Harvest		Species Life History Studies
	Watershed Planning/Implementation		Education .
	Fish Screen Evaluations - Alternatives an	d Bio	ological Priorities
Ind	icate the geographic area of your proposal Sacramento River Mainstem Delta Suisun Marsh and Bay	(ched	Sacramento Tributary: <u>AMERICAN RIVER</u> East Side Delta Tributary: San Joaquin Tributary:
	San Joaquin River Mainstem		Other:
. 🗆	Landscape (entire Bay-Delta watershed)		North Bay:
Ind	icate the primary species which the propos San Joaquin and East-side Delta tributari Winter-run chinook salmon Late-fall run chinook salmon Delta smelt Splittail Green sturgeon Migratory birds		•



# COVER SHEET (PAGE 2 of 2)

# May 1998 CALFED ECOSYSTEM RESTORATION PROPOSAL SOLICITATION

lnd	icate the type of applicant (check only	one box)	:
	State agency		Federal agency
	Public/Non-profit joint venture	Ж	Non-profit
	Local government/district		Private party
	University		Other:
Ind	icate the type of project (check only on	e box):	·
	Planning	9xx	Implementation
	Monitoring		Education
	Research		-
_			
Ву	signing below, the applicant declares the	he follow	ring:
(1)	the truthfulness of all representations	in their p	proposal;
	the individual signing the form is enti- licant is an entity or organization); and		abmit the application on behalf of the applicant (if
disc		aives an	and understood the conflict of interest and confidentiality and all rights to privacy and confidentiality of the provided in the Section.
	Sault Sun	>	
(Sig	gnature of Applicant)		
RO	DNALD A. STROMSTAD		



DIRECTOR OF OPERATIONS

500 May 1008

#### II. EXECUTIVE SUMMARY

a. Project Title: Lower American River Wetland Slough Complex and Floodplain Restoration

Applicant: Ducks Unlimited, Inc.

b. Project Description and Primary Biological/Ecological Objectives: The Lower American River (LAR) is the reach of the American River located between Nimbus Dam and the confluence with the Sacramento River. The proposed wetland slough complex and floodplain restoration will be developed in the lowest reach of the LAR that is within the tidal influence of the Delta and the backwater effect of the Sacramento River. This section of the river is constrained by levees on either side; however, during flood events, many seasonal wetlands and ponds are created in the floodplain. As the water recedes, the ponds become isolated from the river, leaving juvenile salmonids and steelhead trout stranded.

The key ecological objective for this restoration project is to help restore the natural floodplain and flood processes of the LAR (ERPP, Vol. II, page 304). This objective will be achieved, in part, through the restoration of seasonal wetland habitat types (ERPP, Vol. II, page 307), riparian and riverine aquatic habitat types (ERPP, Vol. II, page 308), and perennial grasslands (ERPP, Vol. II, page 309). Additionally, fresh emergent wetland habitat types will be restored (ERPP, Vol. I, page 9). Specifically, this project will (1) create a wetland-slough complex within the levees of the LAR, and restore and enhance wetland and riparian habitat values among 800 acres within the floodplain; (2) re-contour and provide connectivity among existing sloughs to reduce fish isolation; (3) restore seasonal and fresh emergent wetlands to enhance water quality of urban runoff; and, (4) restore low bypass channels to lengthen the effective hydroperiod of the floodplain terrace.

By restoring wetlands and providing a necklace of wetland sloughs on the upper floodplain terrace, this innovative project will reduce several stressors to the LAR, such as: the effects of unnatural alterations of flows and other effects of water management, channel form changes, degradation of water quality, increases of water temperature, and competition from introduced plants. By alleviating these stressors, this project will reduce fish isolation and provide habitat for juvenile salmonids, steelhead trout, and splittail as well as for many wetland and riparian dependent wildlife species, such as neotropical migratory bird guilds and waterfowl. A thorough, scientific monitoring program is being planned for this project (see below).

c. Approach/Tasks/Schedule: Tasks required to complete this project will occur in three phases. Phase I will consist of project planning, engineering, and design; collecting additional baseline data, especially relating to water quality; securing regulatory compliance, including clearance of the EIR and compliance with county, city, state, and federal requirements, laws, and ordinances; and securing all necessary water rights for successful management of the project. Phase I will occur during the first year of the project.

Phase II will consist of the actual construction and restoration of sloughs and wetlands, installing water control and pumping facilities, and installing plants for habitat restoration. Restoration and construction activities will take place during the second year of the project.

Phase III will entail any additional restoration work and incorporate adaptive management to ensure fulfillment of project objectives; and monitoring any fish stranding, water quality, and restoration success. Phase III will occur in the third year of the project.

d. Justification for Project and Funding by CALFED: Meandering sloughs and by-pass channels once formed an important element of wetland habitat within the LAR. Modern flood control systems have greatly diminished these wetlands, including several historic sloughs on the lower reach of the LAR. This innovative project should serve as a blueprint for the restoration of floodplains that have become high terraces having minimal wetland and aquatic resource values.

The delivery of water through the aquatic infrastructure (wetland slough complex) will provide the basis for the phased development of additional wetland elements, including seasonal wetlands, sedge meadows, and riparian forests. Educational programs are also planned. A second proposal is being submitted to CALFED for the planning of an Environmental Stewardship Center that will be located in the Cal Expo area. The restored floodplain will provide an excellent backdrop for the Center, which will tap into the vast visitor attendance at the State Fair to facilitate environmental education on a statewide, regional, and local basis.

- e. Budget Costs and Third Party Impacts: The implementation of this project is compatible with floodplain management and recreational use of the area and thus would have no known adverse third party impacts.
- f. Applicant Qualifications: Ducks Unlimited, Inc. (DU) has had 60 years experience with wetland development projects. Its staff includes engineers, biologists, and planners. DU is currently delivering four CALFED Grants. DU will work in close cooperation with H.A.R.T., Inc. H.A.R.T., Inc. has had more than 10 years experience with restoration planning on the Lower American River and is currently delivering a CALFED Grant in the Sacramento San Joaquin Delta.
- g. Monitoring and Data Evaluation: An ecological monitoring plan will be developed to address various monitoring elements including: 1) fish isolation before and after project implementation; 2) water quality improvement associated with the installation of constructed wetlands; 3) success of created, restored, and enhanced wetlands, sloughs, and by-pass channels from the perspective of plant establishment; 4) changes in cross-sectional river bedform morphology; and 5) reduction of exotic plants, using replacement with native species as an indicator of success.

#### h. Local Support/Coordination with other Programs/Compatibility with CALFED

Objectives: The LAR Wetland Slough Complex restoration project is being supported by the Lower American River Task Force (Task Force). Under the aegis of the Task Force, more than 30 stakeholder groups have been working cooperatively since 1994 to facilitate flood control, restoration, and recreational interests in the LAR. A current activity of the Task Force is oversight of a floodway management plan under the direction of the Sacramento Area Flood Control Agency (SAFCA). The plan provides a blueprint for flood control and restoration activities with the LAR from an institutional, policy, and resource perspective. This proposed wetland slough complex is described in the LAR Floodway Management Plan and is endorsed by the Task Force and the Board of the SAFCA.

# III. Title Page:

# a. LOWER AMERICAN RIVER WETLAND SLOUGH COMPLEX AND FLOODPLAIN RESTORATION

# b. Name of Applicant:

Ducks Unlimited, Inc. Western Regional Office 3074 Gold Canal Drive Rancho Cordova, CA 95670-6116

Tel: (916) 852-2000 Fax: (916) 852-2200 E-mail: mbias@ducks.org

# Principle Investigator:

Michael A. Bias, Ph.D.

# c. Type of Organization and Tax Status:

Non Profit (501-C3)

#### d. Tax Identification Number:

13-5643799

# e. Participants/Collaborators:

Jeffery A. Hart, Ph.D., H.A.R.T., Inc.
Cal Expo
Sacramento County Water Resources Division
Sacramento County Department of Parks & Recreation
Sacramento Area Flood Control Agency

#### IV. PROJECT DESCRIPTION

#### a. Project Description and Approach

The LAR Wetland Slough Complex and Floodplain Restoration project incorporates elements and objectives of the Sacramento-San Joaquin Delta and the American River Basin target areas. Four primary components of the project are described below.

1. Seasonal Wetland Restoration and Creation of Wetland Sloughs. -- A series of meandering sloughs (approx. 12,000 linear feet) will be created in the Cal Expo and Woodlake area of the Lower American River. The purpose of these sloughs is both to provide wildlife and fisheries habitat, to alleviate isolated water pockets where fish are known to become isolated, and recharge floodplain water storage. This project will deliver water from existing discharge points to new wetlands, existing sloughs, and low flow terraces. The wetland slough complex will begin in the Cal Expo area, where water will be diverted from Chicken and Strong Ranch sloughs, which now enters directly as untreated urban runoff into the American River. Upon entering onto the floodplain, stormwater will be filtered through first passing a series of restored wetlands. After flowing from the restored wetlands, the created sloughs (Figs. 1 and 2) will meander across the terrace, providing a riparian corridor between existing wetlands, ponds, and sloughs (Figs. 1 and 2).

Most of the water for the wetland slough complex will come during the winter, with a lesser amount coming during the dry summer months as urban runoff. Because the upper terraces in this project area flood only infrequently by overbank flooding, the addition of this new source of water will greatly enhance the existing wetlands, as well as providing a water source for the restored seasonal wetlands.

- 2. Reduction of Fish Isolation. Recent surveys have found an abundance of juvenile salmonids trapped in man-made sloughs and remnant ponds in the LAR. Many of the sloughs have elevated channel bottoms or are filled with debris that blocks water from returning to the river. This project will recontour over 4,000 linear feet of existing sloughs and low terrace channels to allow fish to return to the river. The purpose of recontouring the existing sloughs is to eliminate fish isolation by providing an outlet to the American River. To provide the benefits of ponded water for fish rearing and for other wetland values, water control structures will be installed at key locations. Water control structures will allow for the management of seasonal wetlands and allow release of water at appropriate times to facilitate fish re-entry to the River.
- 3. Seasonal Wetland Restoration for Stormwater Quality Enhancement. -- The principal sources of water for wetland development will be regional stormwater that enters the Parkway via Chicken and Strong Ranch Sloughs, pump 151 and pump 152 (the latter two pumps were formerly natural slough sites). Specially restored wetlands will function as stormwater biofilters. Concepts and systems commonly deployed to enhance water quality include the use of wetlands that include vegetation-fringed ponds, shallow water marshes, seasonally flooded basins, and intermittently wet and dry meadow or scrub brush systems. These systems serve to filter out waterborne debris, silts, and sediments; buffer and help neutralize pH levels; and generally reduce the presence of nitrate, phosphate, iron, chromium, and heavy metals. Another method to control quality stormwater entering into created and constructed wetlands is timing of diversion. For example, first fall urban flood waters could be allowed to continue to flow

directly into the Lower American River, while consequently cleaner stormwater would be diverted into the wetland slough complex.

4. Habitat Creation, Enhancement, and Restoration. -- Several elements of habitat restoration efforts will be included in this project: wetland and slough herbaceous planting, shaded riverine aquatic and riparian planting, exotic plant removal and native perennial grassland restoration. Wetlands and sloughs will be installed with the appropriate plantings, including herbaceous species of sedges, rushes, and tules; shrubs such as wild rose, blackberry, dogwood, and button willow; and trees such as oak, willow, cottonwood, ash, and boxelder. Conceptual diagrams showing these proposed plantings are show in Figures 1 and 2.

About 40 acres of seasonal wetlands will be restored on the upper terrace of the Cal Expo Floodplain in areas currently occupied by weedy vegetation. These will be associated with the new wetland slough complex. They will be constructed by shallow excavation of the floodplain terrace, and will be sustained by overbank slough flooding. Because the soil consists of a silty loam, the wetlands will likely be managed as seasonal wetlands being flooded for only a limited portion of the winter. A benefit of this flooding would be saturation of the upper floodplain terrace, with subsequent slow release and percolation of water into lower terraces and the American River.

Low lying areas, flooded only during flood events, will also be enhanced by having a more regular source of water. Some of the existing wetlands, such as Bushy Lake, can store additional water during the winter months, with the water being slowly released into low lying areas later in the spring. Other wetlands that will be enhanced include low terrace by-pass channels and sloughs.

Various exotic plants such as giant reed (Arundo donax) and yellow starthistle (Centarea solstitialis) occupy strategic areas of the Cal Expo floodplain. The growth of exotic plants such as Arundo donax accelerate deposition and filling of the existing slough channels and adversely effects the channel ability to provide fisheries habitat. These species will be removed and replanted with native species, including native graminoids (sedge and creeping wildrye) and woody riparian species.

#### b. Proposed Scope of Work

Tasks required to complete this project will occur in three phases. Schedules (Table 1) and Budgets (Tables 2-4) are identified for each Task within each Phase in Section V.

Phase I will consist of project planning, engineering, and design; collecting additional baseline data, especially relating to water quality; securing regulatory compliance, including clearance of the EIR and compliance with county, city, state, and federal requirements, laws, and ordinances; and securing all necessary water rights for successful management of the project. Phase I will occur during the first year of the project.

Task 1. Project planning, design, and engineering. This will involve meetings with government and regulatory officials to identify planning, policy, and regulatory issues that need to be addressed as part of project permitting. Project design will be prepared for general review and final engineering drawings will be constructed. A planting palette for wetlands and slough habitat installation will also be presented.

Deliverables: Final design, engineering, and planting palette.

- Task 2. Baseline data collection, water quality, fish stranding data. While habitat mapping at the GIS level has been completed for the area, insufficient information exists regarding water quality of the current slough systems, especially in relationship to the LAR. These gaps will be filled through the collection of baseline data. Deliverables: Preliminary report of monitoring information.
- Task 3. Regulatory Compliance. Table 5 lists the regulations, policies, and programs; identifies the responsible regulatory agencies; and lists the agreements, authorizations, and permits that will be obtained. Deliverables: Environmental compliance documents, permits, agreements and authorizations necessary to proceed with project construction.

Phase II will consist of the actual construction and restoration of sloughs and wetlands, installing water control and pumping facilities, and installing plants for habitat restoration. Restoration and construction activities will take place during the second year of the project.

- Task 1. Construction of restored wetlands, enhanced wetlands, and sloughs. Deliverables: Decumentation of completed earthwork.
- Task 2. Installation of pumps and water control structures. Deliverables: Documentation of completed pump work and water control installation.
- Task 3. Installation of plant materials. Characteristic wetland, slough and riparian plants will be installed at the appropriate locations relative to elevation, depth and duration of flooding, and need for habitat and species diversity. Deliverables: Documentation of completed plantings.

Phase III will entail any additional restoration work and incorporate adaptive management to ensure fulfillment of project objectives; and monitor any fish stranding, water quality, and restoration success. Phase III will occur in the third year of the project, some baseline monitoring will begin during year 1.

- Task 1. Water quality monitoring. Deliverables: Preliminary and final reporting documentation of monitoring information.
- Task 2. Fish stranding monitoring. Deliverables: Preliminary and final reporting documentation of monitoring information.
- Task 3. Plant installation monitoring. Deliverables: Preliminary and final reporting documentation of monitoring information.

# c. Location and/or Geographic Boundaries of the Project

The LAR is a reach of the American River located between Nimbus Dam (below Folsom) and the confluence with the Sacramento River at the City of Sacramento. It is part of a 5,000-acre Parkway administered by the Sacramento County Department of Parks and Recreation. The proposed Wetland Slough Complex and Floodplain Restoration will occur in an 800-acre portion of the lowest reach of the

LAR, from River Mile 2 to 4.9. This area is within the tidal influence of the Delta and is influenced by the backwater effect of the Sacramento River.

#### d. Expected Benefits

The creation, enhancement, and restoration of a wetland slough complex in the lowermost reach of the LAR will demonstrate creative ways to improve habitat conditions in the LAR in particular and human-altered riverine systems in general. The project's implementation will restore or enhance seasonal and aquatic habitat types, especially within the LAR floodplain; affect components of instream aquatic habitat types, such as water quality and temperature; enhance shaded riverine habitat types; and restore perennial grassland habitat types.

Through enhancement and restoration of these important floodplain habitat components, stressors affecting primary and secondary species are reduced. Alterations of flows and other effects of water management are reduced, especially anadromous fish migration barriers from isolation. Floodplain changes such as hydrological and physical isolation are reduced through recontouring and connecting isolated slough channels. Channel form changes are reduced through recontouring and connecting isolated sloughs, as well as improving and restoring riparian regeneration potential. Shaded riverine enhancements will effect water temperature and redirecting runoff through restored seasonal wetlands improves water quality. Undesirable plant species interactions will be reduced through eradication and improved water control.

This project will provide positive benefits anadromous and resident fish, such as winter-, spring-, and fall-run chinook, steelhead trout, Sacramento splittail, American shad, and striped bass through reduced isolation and enhanced rearing habitat types. Restoration and enhancement of adjoining riparian, wetland, and grassland environments will provide benefits to neotropical migratory birds and waterfowl.

A thorough, scientific monitoring program as part of this proposal will document improvements in fisheries habitat, water quality, and wildlife habitat value. This project will provide further benefits in conjunction with a second proposal to CALFED for an Environmental Stewardship Center, to be located in the Cal Expo area. The restored LAR habitat and resulting ecological diversity will provide an excellent backdrop for the Center, which will tap into the vast visitor attendance at the State Fair to facilitate environmental education on a statewide, regional, and local basis.

#### e. Background and Ecological/Biological/Technical Justification

CALFEDs American River Technical Advisory Committee, created in 1997, recommended a number of actions to improve fisheries conditions and habitat in the LAR. This project directly addresses the wetland-slough complex and SRA (Shaded Riverine Aquatic) Protection/Management elements identified by the committee.

The key ecological objective for this restoration project is to help restore the natural floodplain and flood processes of the LAR (ERPP, Vol. II, page 304). This objective will be achieved, in part, through the restoration of seasonal wetland habitat types (ERPP, Vol. II, page 307), riparian and riverine aquatic habitat types (ERPP, Vol. II, page 308), and perennial grasslands (ERPP, Vol. II, page 309). Additionally, fresh emergent wetland habitat types will be restored (ERPP, Vol. I, page 9).

By restoring wetlands and providing a necklace of wetland sloughs on the upper floodplain terrace, this innovative project will reduce several stressors to the LAR, such as: the effects of unnatural alterations of flows and other effects of water management, channel form changes, degradation of water quality, increases of water temperature, and competition from introduced plants. By alleviating these stressors, this project will reduce fish isolation and provide habitat for juvenile salmonids, steelhead trout, and splittail as well as for many wetland and riparian dependent wildlife species, such as neotropical migratory bird guilds and waterfowl.

The construction of dams (e.g., Folsom and Nimbus dams) have caused loss of the natural sediment supply and gravel necessary for salmonid spawning. This condition has been worsened by the building of levees that restricts natural flooding, resulting in further riverbed degradation. These unnatural flood control activities have caused persistent bank erosion problems and loss of valuable shaded riverine habitat. Lack of historical overbank flooding has diminished natural regeneration of riparian habitat and corresponding floodplain ecosystem values. Recreational and human use of the floodplain has introduced entirely new threats to the riparian system, such as fire, exotic weed invasion, and habitat fragmentation. Urbanization of the watershed has resulted in the conversion of natural tributary sloughs into concrete-lined drainage ditches, with accompanied increases in urban runoff and pollutants. The Cal Expo (Fig. 1) and Woodlake (Fig. 2) floodplain terraces currently provide poor habitat conditions for fish and limited value to other widlife species. Much of the Cal Expo area is dominated by weedy upland species, such as yellow starthistle and giant reed. A fire several years ago burned much of Bushy Lake area, consequently destroying considerable riparian canopy. Bushy Lake is degraded due to stagnant water resulting from lack of flow-through conditions. The Woodlake area has been farmed for many years; consequently, very limited habitat value exists. These areas have existing man-made sloughs and by-pass channels that strand fish in late winter and early spring. The areas are underlain by loamy soil, are of sufficiently large size (several hundred acres), and show considerable promise for restoration if the site is appropriately re-contoured and adequate water is provided.

To date there has been considerable progress in the development of the ideas proposed in this application. Through a number of planning meetings, the idea has been met with considerable enthusiasm by the Lower American River Task Force, the Cal Expo staff and Board of Directors, Sacramento County Parks and Recreation, Sacramento County Water Resources Division, American River Parkway Foundation, and others. The proposed slough for the Woodlake area has already been developed and accepted in a 1996 update to the American River Parkway plan.

#### f. Monitoring and Data Evaluation

An ecological monitoring plan will be developed to address various monitoring elements including: 1) fish isolation before and after project implementation; 2) water quality improvement associated with the installation of constructed wetlands; 3) success of created, restored, and enhanced wetlands, sloughs, and by-pass channels from the perspective of plant establishment; 4) changes in cross-sectional river bedform morphology; and 5) reduction of exotic plants, using replacement with native species as an indicator of success.

Fish Isolation/Habitat Use. -- Pre-restoration field sampling and surveying will be conducted in

coordination with state and federal resource agencies to determine existing habitat conditions and fish species present. A physical habitat assessment of the project area will be conducted. Fish collections will be made if appropriate habitat is present. The initial monitoring will provide a baseline for future monitoring efforts to compare the use by native and introduced fishes.

Fish collections will be made with small mesh seine, dipnet, and traps as appropriate for the sites sampled. There will be an attempt to standardize the amount of collection effort as much as possible so that relative abundance can be estimated. The data will be compared with pre-existing conditions of the extant sloughs. The monitoring will make use surveys conducted quarterly to determine the relative abundance of introduced and native fish species that utilize the existing and restored habitats. The results will help determine the types of habitats and design parameters providing the greatest benefit to native fish populations.

Water Quality. -- Urban runoff can contribute petroleum hydrocarbons, pesticides, metals and nutrients to the stormwater system, especially in the first rains of the season. In addition to the County's continued monitoring of contaminants of concern in Chicken Ranch and Strong Sloughs, the California Department of Fish and Game's Water Pollution Control Laboratory will monitor water quality by measuring concentrations of pollutants in the water column and residues that might accumulate in sediment and tissue of aquatic organisms over time and along the continuum of the wetland complex.

Water monitoring in the created wetland sloughs will be designed to coincide with storm events to document the presence of water-soluble contaminants. The presence of persistent chemicals, such as metals, polycyclic aromatic hydrocarbons (PAHs), PCBs, and organochlorine pesticides likely will be determined through sediment sampling on a bi-annual basis.

Monitoring of fish contamination could occur annually to identify any mercury, PCBs, and organochlorine pesticides in fish tissue that could potentially affect fish populations or threaten upper trophic level species through bioaccumulation. Additionally, the aquatic invertebrate community composition will be monitored over time and along the continuum of the wetland complex to assess the possible direct effects of contaminants to the wetland's biological integrity.

Plant Establishment Success/Exotic Plant Removal. -- Pre- and post-construction conditions of the slough wetland complex, areas dominated by exotic weeds, and grassland area will be compared through the use of aerial photography interpretation, and GIS database and mapping techniques. The plants installed in the implementation phase will be carefully documented on an individual basis, being monitored at appropriate times of the year for parameters of survival, health, and growth.

#### g. Implementability

Table 5 outlines the planning efforts and regulatory issues that will be addressed during the first phase of the project. The approach to obtaining full regulatory compliance will be early and on-going consultation with all the regulatory agencies to identify and address their concerns as early as possible in the planning stage of the project design.

#### V. COSTS AND SCHEDULE TO IMPLEMENT PROPOSED PROJECT

#### a. Budget Costs

Total cost to implement this important project is \$1.975 million across three years. Budget details are presented in Tables 2 through 4.

#### b. Schedule Milestones

This project is scheduled to occur across three years. Timelines for delivering specific Phases and Tasks are presented in Table 6.

#### c. Third Party Impacts

The implementation of this project is compatible with floodplain management and recreational use of the area. The LAR Wetland Slough Complex restoration project is being supported by the Lower American River Task Force (Task Force). Under the aegis of the Task Force, more than 30 stakeholder groups have been working cooperatively since 1994 to facilitate flood control, restoration, and recreational interests in the LAR. A current activity of the Task Force is oversight of a floodway management plan under the direction of the Sacramento Area Flood Control Agency (SAFCA). The plan provides a blueprint for flood control and restoration activities with the LAR from an institutional, policy, and resource perspective. This proposed wetland slough complex is described in the LAR Floodway Management Plan and is endorsed by the Task Force and the Board of the SAFCA. This project will contribute to the aesthetic value of the American River ecosystem as well as the greater Sacramento metropolitan area. The project will allow for a greater public awareness and appreciation of our state's critical wetland and riverine ecosystems. The project is highly visible and easily accessible to the public, therefore an excellent flagship project to promote the benefits of the CALFED process.

#### VI. APPLICANT QUALIFICATIONS

DU is the nationally recognized authority on the restoration and enhancement of wetlands. Since its inception in 1937, DU has raised over \$1 billion for restoration and enhancement of over 8 million acres of wetlands in North America. Biological assessment and engineering of this project will be accomplished by staff biologists and engineers from DU and cooperators. Biological evaluation of the project will be conducted by trained biologists from both DU, cooperators, and agency staff. DU office administrative staff will handle organizational, copying, and other related needs. DU maintains a strict policy concerning conflict of interest. DU contract administrators will be responsible for contracts, compliance, and fiscal administration of the project. DU is currently delivering four CALFED Grants, thereby is very familiar with CALFED granting procedures. Abbreviated Vitas for DU personnel involved with this project are attached.

Habitat Assessment & Restoration Team, Inc. will assist DU in the planning, design, and implementation of this project. H.A.R.T., Inc. is a company that has been established to bring a strong scientific basis to restoration. Jeffrey A. Hart, Ph.D., will work closely with DU.- Jeff has

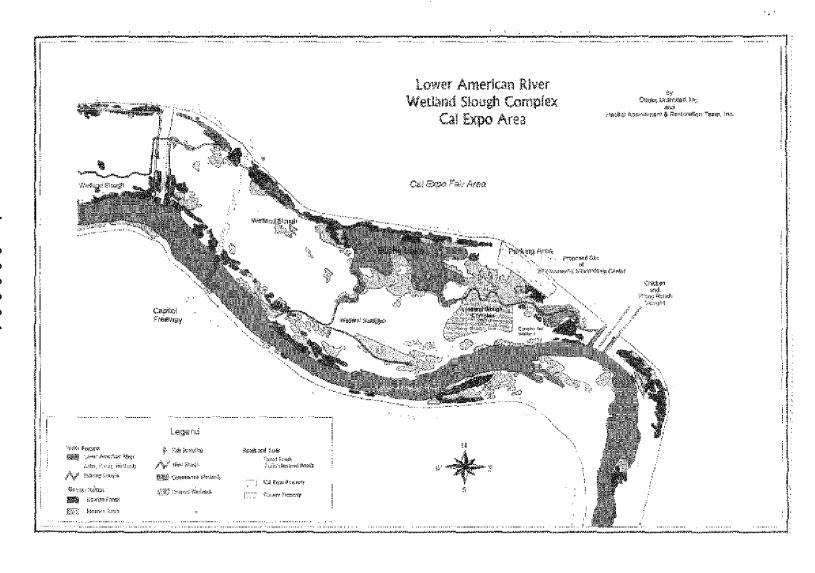
had 30 years experience in environmental biology, having worked on several continents in the area of ferestry, botany, wildlife biology, genetics, scientific research, arboriculture, and restoration. He graduated in environmental biology from the University of Montana (1971), and holds graduate degrees from University of Montana (1974) and Harvard University (1983). He has published in leading refereed journals, and has taught courses, including restoration ecology, at several universities. In the Sacramento region, he has had considerable success in designing and

implementing restoration projects (e.g., Stone Lakes National Wildlife Refuge), biotechnical projects (e.g., Dry Creek, Lower American River), and resource studies (e.g., Cosumnes River, Lower American River). His clients include mostly government agencies and non-profit organizations such as the Sacramento Area Flood Control Agency, Sacramento County Water Resources Division, Ducks Unlimited, and The Nature Conservancy. Ellyn Davis is a

planning biologist with 15 years experience in the greater Sacramento area; she will assist H.A.R.T. and DU in securing the necessary permits to implement this project.

# VII. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

DU has administered multiple government contracts with applicable compliance standards (attached).



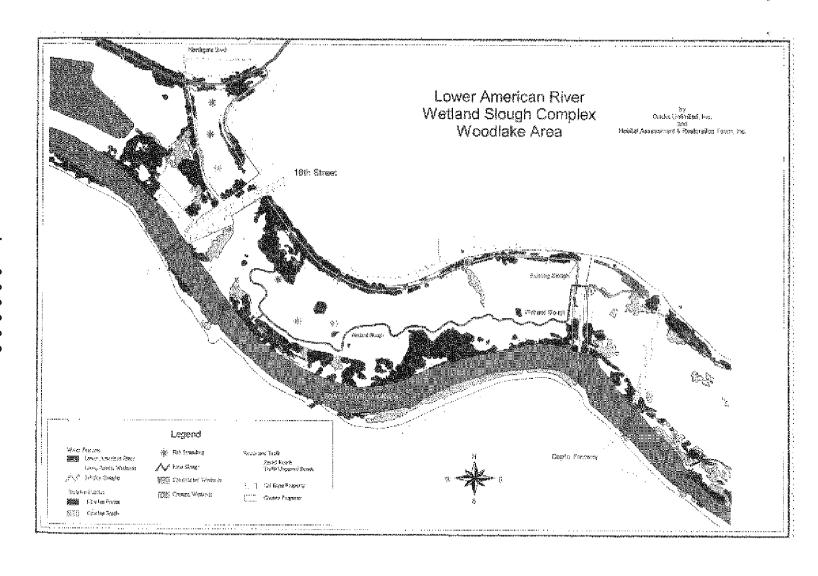


Table 1. Anticipated timeline for specific Phases and Tasks associated with the Lower American River Wetland Slough Complex and Floodplain Restoration.

· ,
ANTICIPATED TIMELINE
October 1998 – October 1999
October 1998 – October 1999
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October 1999 – October 2000
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October 1999 – October 2000
October 1999 - October 2000
October 1999 – October 2000
October 1999 – October 2000
October 1999 – October 2000
October 2000 - October 2001 (in general)
October 1998 – October 2001
October 1998 - October 2001
October 2000 - October 2001

Table 2. Lower American River Wetland Slough Complex and Floodplain Restoration budget estimates for Phase I.

PROJECT PHASE AND TASK	DIRECT LABOR HOURS	DIRECT SALARY AND BENEFITS (\$)	OVERHEAD LABOR (\$)	SERVICE CONTRACTS (\$)	MATERIAL AND ACQUISITION CONTRACTS (5)	MISC. AND OTHER DIRECT COSTS (\$)	TOTAL COSTS (\$)
PHASE I					,,,	·	
Environmental Documentation and Permitting				60,000			60,000
Water Rights Determination				50,000			50,000
County EIR Review				35,000	• •		35,000
Planting Design				10,000			10,000
Survey, Engineering, and Design	1,376	62,780	23,220		-		86,000
Phase I Project Planning and Administration	1,040	47,450	17,550	40,000			105,000
PHASE I SUBTOTAL	2,416	110,230	40,770	195,000	1		346,000

Table 3. Lower American River Wetland Slough Complex and Floodplain Restoration budget estimates for Phase II.

PROJECT	DIRECT	DIRECT	OVERHEAD	SERVICE	MATERIAL	MISC. AND	TOTAL COSTS
PHASE AND TASK	LABOR HOURS	SALARY AND BENEFITS (\$)	LABOR (\$)	CONTRACTS (\$)	AND ACQUISITION CONTRACTS (\$)	OTHER DIRECT COSTS (\$)	(\$)
PHASE II					1		
Slough Redevelopment			,		210,000		210,000
Misc. Earthwork					120,000		120,000
Stormwater Treatment Wetlands					200,000		200,000
Gravel Access Roads					120,000		120,000
Water Control Structures					42,000		42,000
Culvert Pipe					95,000	-	95,000
Bike Path Crossings					30,000	•	30,000
Pump Station					150,000		150,000
Discharge Piping					12,000		12,000
Riprap					12,000		12,000
Vegetation Control and Plantings					210,000		210,000
Railroad Crossing					35,000		35,000
Construction  Management	1,616	73,730	27,270		,		101,000
Phase II Project Planning and Administration	800	36,500	13,500				50,000
PHASE II SUBTOTAL	2,416	110,230	40,770		1,236,000		1,387,000

Table 4. Lower American River Wetland Slough Complex and Floodplain Restoration budget estimates for Phase III.

PROJECT PHASE AND TASK	DIRECT LABOR HOURS	DIRECT SALARY AND BENEFITS (\$)	OVERHEAD LABOR (\$)	SERVICE CONTRACTS (\$)	MATERIAL AND ACQUISITION CONTRACTS (\$)	MISC. AND OTHER DIRECT COSTS (\$)	(\$)
PHASE III							
Water Quality Monitoring				183,000			183,000
Fishery Monitoring				21,000			21,000
Phase III Project Planning and Administration	608	27,740	10,260				38,000
PHASE III SUBTOTAL	608	27,740	10,260	204,000			242,000
GRAND TOTAL	5,440	248,200	91,800	399,000	1,236,000		1,975,000

Table 5. Regulatory permits and environmental documentation needed for the Lower American River Wetland Slough Complex and Floodplain Restoration.

PERMIT	REGULATORY AGENCY			
CWA Section 404 Permit	Corps of Engineers			
RHA Section 10 Permit				
NEPA Compliance				
CWA Section 402 (NPDES Permit)	Central Valley Regional Water Resources Contro			
CWA Section 401 (Water Quality Certification)				
ESA Consultation	Fish and Wildlife Service			
National Historic Preservation Act 106 Compliance	State Historic Preservation Office			
Wild and Scenic Rivers Act Compliance	California Department of Fish and Game			
Streambed Alteration Agreement	California Department of Fish and Game			
CEOA Compliance	Sacramento County DERA			
Land Use Lease/Dredging Permit	State Lands Commission			
Encroachment Permit	The Reclamation Board			
CESA	California Department of Fish and Game			
Utility Line Coordination	California Public Utilities			
Railroad ROW Crossing	Union Pacific/Southern Pacific RR			
American River Parkway Plan Amendment	Sacramento County Department of Parks and Ope			

	Item 11
Agreement No _	
Exhibit	

# NONCOLLUSION AFFIDAVIT TO BE EXECUTED BY RIDDER AND SUBMITTED WITH BID FOR PUBLIC WORKS

STATE OF CALIFORNIA		)				
COUNTY OF _ · Sacr	amento )		)ss			•
Holly Andree				, beir	ng first duly sworn,	, deposes and
	(name)	-				
says that he or she is	Director,	State	and	Federal	Coordination	of
	(posi	tion title)				
Ducks Unlimit	ed, Inc.					
			(the	bidder)		

the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

DATED: 7/25/97 By	Ytalin artre
	(person signing for bidder)
JENNY C. PULLEN Comm. # 1050217  Comm. # 1050217  NOTARY PUBLIC: CALFORNIA Saramento County Ny Comm. Expires May 28, 1999  My Comm. Expires May 28, 1999	Subscribed and sworn to before me on  7/25/97  Venny C. Rullen
(Notarial Seal)	(Notary Public)

#### Vitae in Brief

Robert Daniel Charney, P.E. Regional Engineering Supervisor 9/16/96

#### Education & Certification

Registered Professional Engineer, State of California, 1993 #C50768

Master of Science, University of California at Davis, Civil and Environmental Engineering, 1991
Thesis Title: "Salt Marsh Restoration, Rehabilitation, and Creation Techniques, Northern California"

Bachelor of Science (with honors), University of California at Davis, Civil and Environmental Engineering, 1990

Member of the Engineering Honor Society, Tau Beta Pi, 1990

#### Wetland Habitat Engineering with Ducks Unlimited, Inc.

Regional Engineer (1993-1996), Regional Engineering Supervisor (1996-)

#### Program Management

Mr. Charney manages the wetland engineering program for the Western Regional Office of Ducks Unlimited, Inc. The Western Regional Office has active wetland restoration projects in 10 states: Alaska, Arizona, California, Hawaii, Idaho, Nevada, New Mexico, Oregon, Utah, and Washington. His responsibilities include supervision of professional engineering staff, program management, contract management, and project evaluation.

Upon his hire, Mr. Charney was responsible for establishing a full service engineering function within the Western Regional Office including the development of an in-house wetland design capability, soil laboratory, Autocad drafting and mapping capability, surveying capability, and other functions typical of a full service engineering program. In addition to program management responsibilities, Mr. Charney has design and construction management responsibility for several large restoration projects that are currently underway in the Western United States.

#### Partial list of projects with Ducks Unlimited, Inc.:

Stone Lakes NWR, Beach Lake Wetland Restoration and Vyronis Wetland Restoration, California Design-build responsibility for a 128 acre wetland mitigation bank and habitat complex for the California Transportation Department (\$1.3 million) and 450 acre wetland complex for the USFWS (\$1.2 million).

#### Yolo Basin Wetlands, California

Design-build responsibility for restoration of a 3400+ acre wetland complex within the Yolo Causeway in Northern California (\$4.8 million) with partners US Army Corps of Engineers and California Department of Fish and Game.

#### Lower Columbia NAWCA, Oregon & Washington

Design-build responsibility for a series of wetland restorations/enhancements with multiple government partners along the Lower Columbia River on the Oregon/Washington border. (\$1.5 million)

#### Other Wetland Engineering

Prior to joining Ducks Unlimited, Inc. Mr. Charney planned and designed wetlands for water and wastewater treatment throughout California. Mr. Charney coordinated an advisory comittee review of the Everglades Protection Act design for using a 40,000 acre treatment wetland to remove phosphorus from water entering the Everglades National Park in South Florida. As a post-graduate researcher Mr. Charney helped develop methods for restoration of tidal salt marsh habitat along the Northern California Coast.

# BIDDER'S BOND

We DUCKS UNLIMITED, I		*
3074 Gold Canal Dr	ive, Rancho Cordova, CA 95670-6116	RINCIPAL and
UNITED PACIFIC INS	URANCE COMPANY	
. Suite 400, 5660 Ne	w Northside Drive, Atlanta, GA 30328	
(10%) OF THE TOTAL AMOUN the State of California, acting by payment of which sum in lawful the Resources Agency to which	bound unto the State of California in the penal sum of TEN F IT OF THE BID of the Principal above named submitted by s and through the Resources Agency, for the work described money of the United States, well and truly to be made, to the sald bid was submitted, we bind ourselves, our heirs, execut jointly and severally, firmly by these presents.	aid Principal to below, for the Secretary of
In no case shall the liability of the	e surety here under exceed the sum of \$	
THEC	ONDITION OF THIS OBLIGATION IS SUCH,	
That whereas the Princip	pal has submitted the above-mentioned bid to the State of Ca	alifornia, as
aforesaid, for certain construction	n specifically described for TLAND SLOUGH COMPLEX AND FLOODPLAIN RESTORATION	W
LONG AWERICAN KIVER WE.	ILAND SECOND CONFIEM AND INCOMPRAIN RESIDENT	
(copy here The exact of	description of work, including location, as it appears on the p	roposal)
required under the apecifications	oresaid Principal is awarded the contract and, within the time i, after the prescribed forms are presented to him for signature and form, in accordance with the bid, and files two bonds with	re, enters into
	es ionn, in accordance with the dia, and ness <del>aggerees and</del>	
	gation shall be null and void; otherwise, it shall be and remain	n in full force
and virtue. IN WITNESS WHEREOF We	have hereunto set our hands and seals on this 2nd	
day of <u>July</u> . 1998		
;		
A Payment Bond with the	DUCKS UNLIMITED, INC.	(Seal)
Department to guarantee	BY:	(Seal)
payment for Labor and		<del></del>
Materials in the amount of 50% of the contract.	Divid	(Seal)
or 50% of the contract.	Principal .	(Seal)
	CALTERED DA CTURE THE THE COMPANY	
	UNITED PACIFIC INSURANCE COMPANY	(Seal)
	BY: Cla Clorus	(Sea!)
•	Surety	/C-=N
	Alan J. Wormer, Attorney-In-Fact	(Seal)
	Address Suite 400, 5660 New Northside Dr	
	Atlanta, GA 30328	

NOTE: Signatures of those executing for the surety must be properly acknowledged.

# SURETY ACKNOWLEDGMENT

STATE OF TENNESSEE
COUNTY OF DAVIDSON
I, <u>Bettye Jean Brown</u> , a Notary Public in and for the
county and state aforesaid, do hereby certify that Alan J. Wormer
who as Attorney-In-Fact , signed the writing above, or hereto annexed,
for UNITED PACIFIC INSURANCE COMPANY , a corporation, bearing date
of $2nd$ day of $July$ , 19 $98$ , has this day in my said county,
before me, acknowledged the said writing to be the act and deed of said
corporation.
Given under my hand this 30th day of June, 1998.
My Commission Expires 9/18/99 Bettye Fean Brown Notary Public

#### THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

RELIANCE SURETY COMPANY
UNITED PACIFIC INSURANCE COMPANY

RELIANCE INSURANCE COMPANY RELIANCE NATIONAL INDEMNITY COMPANY

ADMINISTRATIVE OFFICE, PHILADELPHIA, PENNSYLVANIA

#### POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that RELIANCE SURETY COMPANY is a corporation duty organized under the laws of the State of Delawere, and that RELIANCE INSURANCE COMPANY and UNITED PACIFIC INSURANCE COMPANY, are corporations duty organized under the laws of the Commonwealth of Penneylvania and that RELIANCE NATIONAL INDEMNITY COMPANY is a corporation duty organized under the laws of the State of Wisconsin (harein collectively called "the Companies") and that the Companies by virtue of eigneture and seals do hereby make, constitute and appoint Julie Holland, David E. Armstrong, Alan J. Wormer. Marths Fish, Bettye J. Brown, Richard M. Miller, Jr., of Nashville, Tennessee their true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for and on their behelf, and as their act and daed any and all bonds and undertakings of suretyship and to tind the Companies thereby as fully end to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the Companies and sealed and ettested by one other of such officers, and hereby retities and confirms all that their said Attorney(s)-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by the authority of Article VII of the By-Laws of RELIANCE SURETY COMPANY, RELIANCE INSURANCE COMPANY, UNITED PACIFIC INSURANCE COMPANY, and RELIANCE NATIONAL INDEMNITY COMPANY which provisions are now in full force and effect, reading as follows:

#### ARTICLE VIE - EXECUTION OF BONDS AND UNDERTAKINGS

- 1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attendable-Interfact and to subtracte them to essecute on behalf of the Company, bondle and undertakings, recognizances, contracts of inferences and other writings obligatory in the nature thereof, and bit to remove any such Attendable-Interfact any times and revoke the power and authority to (a) one to them.
- Atterney la-in-Fact whell have power and authority, subject to the terms and limitations of the Power of Atterney issued to them, to execute deliver on behalf of the Company, bands and undertakings, recognizences, contracts of indemnity and other writings obligatory in the nature thesaof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizences, contracts of indemnity and other writings obligatory in the nature theraof.
- 3. Attorrunglebin-Fact shall have power and authority to execute affidevice required to be ettached to bonde, recognitizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial etetement of the Company and to oppose of the By-Leves of the Company or any critical or section thereof.

This Power of Attorney is signed and sealed by (assimile under and by suffective of Relance Insurance Company). Unless Positis Insurance Company by United Positis Insurance Company by Com

"Reserved that the signatures of such directors and afficers and afficers and the seel of the Company may be afficed to any such Power of Attentity or any certificates relating sharete by facetimile and any such flower of Attention or section of the Company and any such flower or accounted and certified by facetimile eignetures and facetimile seel shall be valid and binding upon the Company and any such flower or accounted and certified by facetimile eignetures and facetimile seel shall be valid and binding upon the Company, in the future with respect to any bend or undertaking to which it is accounted."

IN WITNESS WHEREOF, the Companies have caused these presents to be signed and their corporate scale to be hereto affixed, this April 30, 1998.









RELIANCE SURETY COMPANY
RELIANCE INSURANCE COMPANY
UNITED PACIFIC INSURANCE COMPANY
RELIANCE NATIONAL INDEMNITY COMPANY

STATE OF Pennsylvania COUNTY OF Philadelphia

gs.

On this, April 30, 1996, before me, Valencia Wortham, personally appeared David T. Akars, who acknowledged himself to be the Senior Vice President of the Reliance Surety Company, and the Vice President of Reliance Insurance Company, United Pacific Insurance Company, and Reliance National Indemnity Company and that as such, being authorized to do so, executed the foregoing instrument for the purpose therein contained by signing the name of the corporation by himself as its duly authorized officer.

In witness whereof, I hereunto set my hand and official seal.

Valencia Seal
Valencia Sortham, Notary Public
Philadalphia, Philadelphia County
My Commission Expires Nov. 18, 2000

Notary Public in and for the State of Pennsylvania Residing at Philadelphia

I. Anita Ziopert. Secretary of RELIANCE SURETY COMPANY, RELIANCE INSURANCE COMPANY, UNITED PACIFIC INSURANCE COMPANY, and RELIANCE NATIONAL INDEMNITY COMPANY do hereby certify that the above and feregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this

SEAL IN







Secretary

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

State of California	RIGHT THUMBPRINT (Optional)	
County of Sacramento		
On 7/25/87 before me, Tenny C. Pulley Votor, Public Prometring of officerta dane doe, notary public personally appeared Hally Hapking Andres	TOP UF THEMS HER	
	CAPACITY CLAIMED BY SIGNER(S) DINDIVIDUAL(S) DOORPORATE	
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that	OFFICERIS)  THUS  DPARTNER(S) DLIMITED  DEFINERAL  DATTORNEY IN FACT  DTRUSTEE(S)  DGUARDIAN/CONSERVATOR	
JENNY C. PULLEN Comm. # 1050217 NOTARY PUBLIC - CALIFORNIA SIGNATURE May 28, 1999  My Comm. Expires May 28, 1999  My Comm. Expires May 28, 1999  The common of the person of the entity upon behalf of which the person(s) acted, executed the instrument.	SIGNER IS REPRESENTING: [Name of Personis) or Entityties)	
Witness my hand and official seal.	E	
Jenny C. Pullen ISTENATURE OF NOTARY)	TOP OF PRESENTE A	
	CAPACITY CLAIMED BY SIGNERIS)  DINDIVIDUAL(S)  CORPORATE	
ATTENTION NOTARY	OFFICERISI	
The information requested below and in the column to the right is OPTIONAL.  Recording of this document is not required by law and is also optional.  It could, however, prevent fraudulent attachment of this certificate to any unauthorized document.	OPARTNER(S) OLIMITED OGENERAL	
THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:  Title or Type of Document   Man Collustry Affilday   Date of Document   7/25/82	□ATTORNEY IN FACT □TRUSTEE(S) □GUARDIAN/CONSERVATOR □OTHER:	
Signer(s) Other Then Named Above	SIGNER IS REPRESENTING: (Name of Person(s) or Entitylies)	
WOLCOTTS FORM 63237 Rev. 3-94 (price class 8-2A). (© 1884 WOLCOTTS FORMS, INC.		



# Certificate of Incorporation of DUCKS UNLIMITED. INC.

WE, THE UNDERSIGNED, being all of full age and citizens of the United States and a majority of whom are citizens and residents of the District of Columbia, desiring to form a membership corporation pursuant to and in comformity with Chapter Five of Title Five of the Code of Laws of the District of Columbia. DO HEREBY CERTIFY:

FIRST: The name of the corporation shall be:

DUCKS UNLIMITED, INC.

SECOND: The corporation shall have perpetual existence.

THIRD: The particular business and objects of the corporation are:

To restore and perpetuate wild ducks and other wild waterfowl on the North American continent; to promote, carry on, conduct, and foster scientific research, education, training, and publication in the orithological sciences; to establish departments of research and scientific study with particular reference to the enhancement of knowledge concerning the waterfowl of the North American continent; to establish, promote, assist, contribute to, or otherwise encourage the study of conservation, restoration, and management of wild waterfowl and its habitat; and in connection therewith, to grant scholarships, prizes and rewards:

To maintain sanctuaries for wild life, and to take, receive, hold, and convey real and personal estate necessary for the purposes of the corporation as stated in this certificate, and other real and personal property the income from which shall be applied to the purposes of the corporation.

In pursuance of, and not in limitation of the general powers conferred by law, and the objects and purposes herein set forth, it is expressly provided that this corporation shall have the following powers:

To do all such acts as are necessary or convenient to attain the objects and purposes herein set forth, to the same extent and as fully as any natural person could or might do, and as are not forbidden by law or by this Certificate of Incorporation or by the By-Laws of this corporation;

To take and hold by bequest, devise, gift, purchase, or lease, either absolutely or in trust, for any of its purposes, any property real or personal, without limitation as to amount of value, except such limitation, if any, as may be imposed by law; to transfer and convey the same, and to invest and re-invest the principal and income thereof, and to deal with and expend the principal and income of the corporation in such manner as in the judgment of the Trustees will best promote its objects; and in order properly to prosecute the objects and purposes as above set forth, the corporation will have full power and authority to purchase, lease, and otherwise acquire, hold, mortgage, convey and otherwise dispose of all kinds of property, both real and personal, both in the District of Columbia, and in any or all of the states of the United States, the territories or colonies of the United States, Alaska, the Dominion of Canada, Newfoundland, Mexico, the Central American countries, and other foreign countries, and colonies or dependencies thereof, and generally to perform all acts which may be deemed necessary for the proper and successful prosecution of the objects and purposes for which this corporation is created.

To have offices and promote and carry on its objects and purposes, within or without the Disfrict of Columbia, and in all the states, territories or foreign possessions of the United States, and in foreign countries.

To have all powers that may be conferred upon corporations formed under Chapter Pive of Title Five of the Code of Laws of the District of Columbia.

The corporation shall be non-political, shall not promote the candidacy of any person seeking public office; and shall not by its activities, or any substantial part thereof, attempt to influence legislation by propaganda or otherwise.

FOURTH: The corporation shall be without capital stock. All property, real and personal, which the corporation shall receive shall be used exclusively for educational and scientific purposes, including the

restoration and perpetuation of wild ducks and other wild waterfowl on the North American continent; and no part of the income from the same shall inure to the benefit of any private shareholder or individual; provided, however, that reasonable compensation may be paid to an officer, member, or employee for services actually rendered the corporation.

FIFTH: The property of the officers, trustees and members of this corporation shall not be subject to or chargeable with the payment of corporate debts or obligations to any extent whatsoever.

SIXTH: The Board of Trustees shall have the power to make, alter, change, and amend by-laws for the government of the corporation and for the admission and withdrawal of members thereof.

SEVENTH: The meetings of the members and of the Trustees of this corporation may be held in the District of Columbia, or elsewhere within or without the confines of the United States or its possessions.

EIGHTH: The number of Trustees of the first Board of Trustees of this Corporation shall be FIVE, with power to change or increase and add to their number in accordance with provisions of the By-Laws.

The Board of Trustees shall have the power to appoint from their own members an Executive Committee consisting of all of the officers of the corporation including all vice presidents, all living past presidents and such other persons as may be designated by the Board of Trustees, five of whom, or such other number as may be specified by the By-Laws, shall constitute a quorum, who, when the Board of Trustees is not in session, shall have and shall exercise all the powers of the Board of Trustees, unless otherwise provided in the corporation's By-Laws. The Board of Trustees shall elect at its first meeting from its own members a President, and shall appoint a Treasurer and a Secretary and such other officers as may be provided for by the By-Laws, who need not be members of the Board. The Board of Trustees shall at such meeting select from their number, one-fifth of the number thereof to serve for one year, one-fifth to serve for two years, one-fifth to serve for three years, one-fifth to serve for four years, one-fifth to serve for five years; and each subsequent election of Trustees shall be for a period of one year or until their successors are duly elected and qualify. Vacancies occurring by death, resignation, or otherwise shall be filled by the remaining Trustees in such manner as the By-Laws shall prescribe and the persons so elected shall thereupon become Trustees.

NINTH: The names and post-office addresses of the Trustees until the first meeting are:

Arthur M. Bartley

500 Fifth Avenue, New York, N.Y.

Dr. John A. Hartwell 2 East 103rd Street, New York, N.Y.

Newbold L. Herrick

25 Cedar Street, New York, N.Y.

John C. Huntington

500 Fifth Avenue, New York, N.Y.

Wayne Johnson

50 Broadway, New York, N.Y.

TENTH: The Registered Office of this corporation in the District of Columbia shall be at 918-16th Street, N.W., in care of CT Corporation System, the corporation's Registered Agent, Washington, D.C.

WITNESS our hands and seals this 29th day of January One Thousand Nine Hundred and Thirty-Seven.

CHRISTABEL E. HILL

(Witness)

DISTRICT OF COLUMBIA: ss:

ERNEST O. PALAND (SEAL) WINSTON E. HOBBS (SEAL)

JOSEPH V. McBRIDE (SEAL)

I, CHRISTABEL E. HILL, a Notary Public in and for the District of Columbia, do hereby certify that ERNEST O. PALAND, WINSTON E. HOBBS, and JOSEPH V. McBRIDE, parties to a certificate of incorporation bearing date of January 29th, 1937, and hereto annexed, personally appeared before me in said District, the said ERNEST O. PALAND, WINSTON E. HOBBS and JOSEPH V. McBRIDE being personally known to me as the persons who executed the said certificate of incorporation and acknowledged the same to be their act and deed.

GIVEN under my hand and seal this 29th day of January, 1937.

CHRISTABEL E. HILL

Notary Public

CHRISTABEL E. HILL Notary Public

DISTRICT OF COLUMBIA

My Commission Expires July 15, 1940

STATE OF CALIFORNIA

# NONDISCRIMINATION COMPLIANCE STATEMENT

STD. 10 (REV. 3-95) FMC

COMPANY NAME

Ducks Unlimited, Inc.

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

#### CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME	
James L. Ware	
DATE EXECUTED (MM) 12/18/95	Shelly IN
PROSPECTIVE CONTRACTOR'S BIGNATURE	
Senior Group Manager	<u> </u>
Ducks Unlimited, Inc.	
PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME	

#### PERSONNEL POLICIES AND PRACTICES

#### EQUAL EMPLOYMENT OPPORTUNITY

#### Statement of Policy

At Ducks Unlimited, Inc. it is our policy to recruit and hire employees without regard to or discrimination because of age, race, creed, color, national origin, sex, handicap or veteran status. This policy of nondiscrimination applies to all phases of employee relations – hiring, compensation, performance rating, promotion, transfer and other personnel matters.

Our employment objective is to select individuals who meet the organization's high standards of character, education and occupational qualifications; who can carry out the organization's work competently; who have capacity for growth; and, who will become an active part of our organization.

We know that our strength and future growth depend directly upon the contribution made by each person within our organization. Productivity and efficiency result from real job satisfaction and from the opportunity each person has for his or her individual self-development. Our employment policy is designed to:

- Place each employee, insofar as practicable, in a position which best suits the individual's natural and acquired aptitudes and skills.
- Offer each employee opportunity for self-development and advancement through training and on-the-job experience.
- Accord fair and equitable treatment to every employee at all times.
- Recognize the importance of the work of each employee to the overall success of the organization.

#### SEXUAL HARASSMENT

#### Statement of Policy

Ducks Unlimited, Inc. maintains a strict policy against sexual harassment. Simply put, sexual harassment will not be tolerated on the part of any employee. All employees are responsible for assuring that the workplace is free from sexual harassment. Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature, where:

- Submission to the advances is made either explicitly or implicitly a term or condition of employment.
- Submission to or rejection of the advances is used as the basis for making employment decisions.
- Such conduct interferes with an individual's work performance or creates an intimidating, hostile or offensive working environment.

All employees should avoid any action or conduct that might be viewed as sexual harassment. Approval of, participation in, or acquiescence in conduct constituting sexual harassment will be considered a violation of this policy. If any employee believes that he or she has been subject to sexual harassment at work by anyone, including supervisors, coworkers or visitors, he or she should report this immediately to his or her immediate supervisor or Human Resources. Sexual harassment complaints will be handled with as much confidentiality as possible. There will be no retaliation against any employee who reports a claim of sexual harassment or against any employee who is a witness to the harassment. An immediate investigation will be conducted in an attempt to determine all the facts concerning the alleged harassment. In making this investigation, every effort will be made to be fair to all parties involved. If it is determined that sexual harassment has occurred, corrective action will be taken, up to and including reprimand, discharge, or other appropriate action.

If it is determined that no sexual harassment has occurred, or there is not sufficient evidence to conclude that harassment has occurred, this determination will be communicated to the employee who filed the complaint.

#### DRUG FREE WORKPLACE PROGRAM

#### Statement of Policy

Because substance abuse poses a serious threat to our employees, their families and to the entire organization, Ducks Unlimited has established this policy in an effort to promote and maintain a drug-free work environment.

The ultimate goal of this policy, however, is to balance respect for individual privacy with the organization's need to maintain a safe, productive, drug-free work environment for all employees; maintain safety and security at DU's community-based events, as well as at the facilities and properties in the communities where we are located; and, provide a quality of service to the organization's members, as well as non-members and visitors, in a fashion consistent with the high standards set by the Board of Directors of Ducks Unlimited, Inc.

#### Standard of Conduct

As a Standard of Conduct for employees of Ducks Unlimited, employees will not be permitted to possess, consume, or distribute drugs, controlled substances or abuse alcohol in the workplace or report to work or perform their duties under the influence of alcohol or with drugs present in their system. To allow otherwise jeopardizes the safety of our fellow employees, our members, our facilities, and the communities which we rely upon for support. Any employee determined to be in violation of this policy or standard will be subject to disciplinary action, which may include termination, even for the first offense.



#### **MEMORANDUM**

TO:

4 10 -

Karen Troedsson

Ducks Unlimited, Ltd.

FROM:

Bettye J. Brown

Bond Department

PHONE: 615-872-3720

FAX: 615 872-3899

WILLIS CORROON CORPORATION 26 Century Boulevard P.O. Box 305025 Nashville, TN 37230-5025

DATE:

June 30, 1998

Re: Bid Bonds

Three (3) Bid Bonds are enclosed, as requested. Please send Bid Results when you have them, and Good Luck with your bids. Thank you.

WILLIS CORROON

Corporation of Tennessee Nashville Office

# Drug and Alcohol Abuse Screening/Testing

Ducks Unlimited recognizes that carefully selected tests and testing procedures have a proper role in any comprehensive substance abuse program, as do properly conducted searches of the effects, vehicles and persons of employees, contractors or visitors.

#### Job Applicants

As a condition of regular employment all applicants must complete a drug screen test. If test results are confirmed positive, the employment offer will be withdrawn.

# Current Employees

The Company utilizes screening practices to identify employees who use illegal drugs or abuse alcohol. It is a condition of continued employment for all employees to submit to a drug screen test when:

- a. there is sufficient cause to believe an employee is under the influence of alcohol or has
  drugs present in their system; or,
  - b. there is any mishap or accident involving an employee during business hours or while on Company business in which injury to individuals or damage to property occurs as a result of the impaired employee's involvement.

Failure to submit to required medical or physical examinations/tests is considered misconduct, and as such, grounds for disciplinary action, including termination.

#### **General Procedures**

Any employee reporting for work visibly impaired is unable to properly perform required duties and will not be allowed to work. If, in the opinion of the employee's supervisor the employee is considered impaired, the employee will be transported by taxi or an alternative safe transportation mode to his/her home or a medical facility. An impaired employee will not be allowed to operate or drive any vehicle during business hours or while on official Company business, or any vehicle rented, leased, owned or otherwise intended for Company use or business.